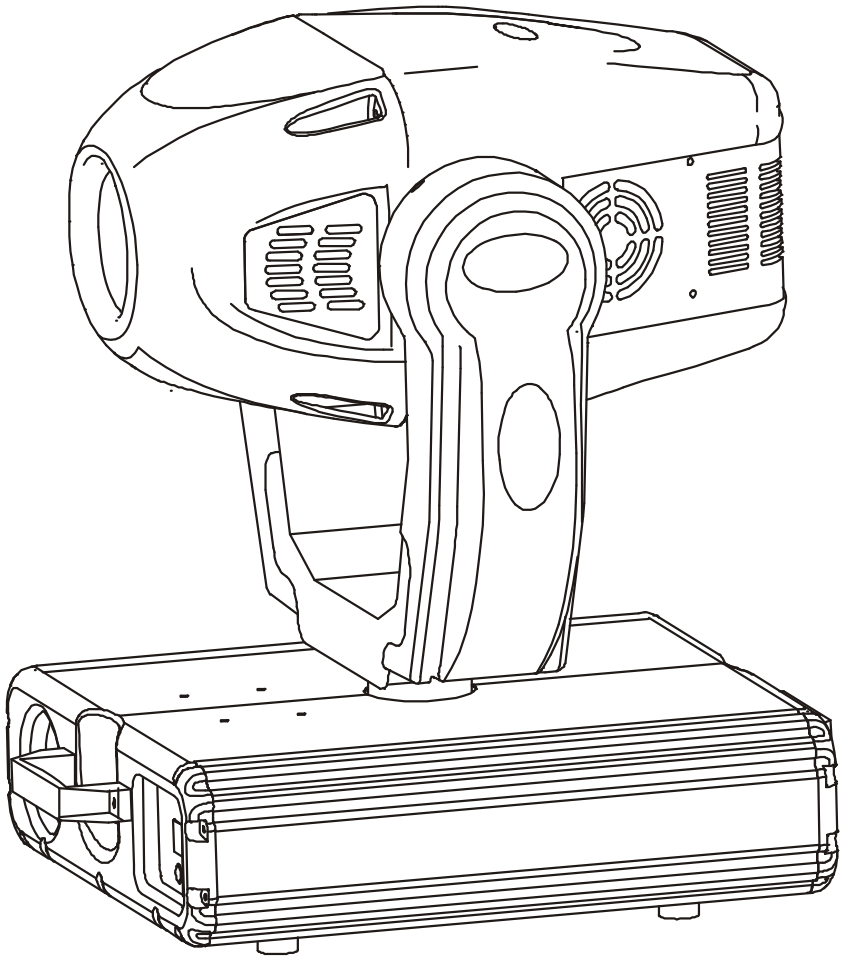
MY 575.3 USER MANUAL

(V1.03)



For your own safety, please read this user manual carefully before installing **MY575**.

Every person involved with the installation, operation and maintenance of **MY575** has to:
-be qualified
-follow carefully the instructions of this manual

Introduction:

Thank you for choosing **MY575**.
When you unpack **MY575,** there should be in the box the fixture, a power cable, a DMX XLR cable, a safety cable and a CD. Please check carefully that there is no damage caused in shipping. If you notice any damage then immediately let your shipper know and the dealer from whom you purchased **MY575**.

Features:

- operation mode is by DMX 512 utilizing (18 channels) or stand alone or sound activation.
- pan and tilt movement :
  - 8 bit and 16 bit resolution for smooth and precise motion
  - pan : 630° rotation / tilt : 265° rotation
  - speed of pan/tilt movement adjustable
- electronic focus
- strobe/shutter : high speed dual-blade shutter, 0-15Hz or random strobe
- dimmer : mechanical adjustable from 0% to 100%
- colors : 2 color wheels
  - color wheel 1 has 7 dichroic filters plus white, with rainbow effect
  - color wheel 2: 4 dichroic filters plus white, 2 temperature correction color filters, 1 UV filter, with color cycle or rainbow effect
- gobos : 2 rotating gobo wheels, each wheel with 6 adjustable rotating gobos plus open, both wheel with gobo shake and gobo indexing
- prism: 3- facet speed adjustable prism rotates in two directions with 16 prism macro effect
- auto-program: 8 preprograms can be selected
- display: can be inverted (180)° when **MY575** is hung upside down.
- local or remote resetting
- lamp switches ON/OFF locally or remote, motor reset
- auto test for all functions
- value of each DMX-channel can be displayed
- editable program:
  edit and save a program to the on board processor using either the controls on the front panel or using an external controller like an **Elektralite CP-20.** A maximum 48 scenes/cues/looks can be saved on board. The resultant saved program can be played back from the “run” menu accessed from the front display panel

Safety Instructions.

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual. **MY575** is a high voltage fixture. Be careful when dealing with high voltages.
Please read this manual. If you do not read this manual and damages occur to MY575, then it could void the warranty.
During shipping, **MY575** may have been exposed to high temperature changes or humidity changes. So, as a precaution, do not switch **MY575** on immediately. Condensation can damage **MY575** so leave **MY575** switched off until it has reached room temperature.
The electric connection must carry out by a qualified person and it is absolutely essential that **MY575** be **grounded**.

Always disconnect **MY575** from the power source, when the device is not in use or before cleaning it. Only unplug **MY575** from the power cord. Never pull out the plug out by pulling on the power cord.
Take care, MY575 will heat up when it is turned on and it will be very hot to touch.

Please keep **MY575** away from children and the general public. Please be intelligent and use common sense when operating **MY575.**

General Guidelines.

MY575 is a lighting fixture for professional use on stages, in clubs, theatres, etc.
MY575 should only be operated at 120 volts and only indoors.
MY575 should not be operated 24/7 (24 hours a day; 7 days a week). **MY575** needs operation breaks to ensure that it will work for a long time without problems. Please do not shake **MY575** and avoid using brute force when installing or operating it.

When choosing the location to install **MY575**, please make sure that it is not exposed to extreme heat, moisture or dust. The minimum distance between **MY575** and the illuminated surface must be more than 3 feet.

Always mount **MY575** with an appropriate safety cable. If you use the quick lock cam to hang **MY575**, please make sure the 4 quick lock fasteners are **locked into position correctly.**

Operate **MY575** only when you are familiar with the features on the fixture. Do not permit operation by persons not qualified for operating it.
All modifications to **MY575 will invalidate the warranty. There are absolutely no exceptions.**

If **MY575** is operated in any way different to the one described in this manual, **MY575** maybe damaged and the guarantee will be void.

Installation Instructions.

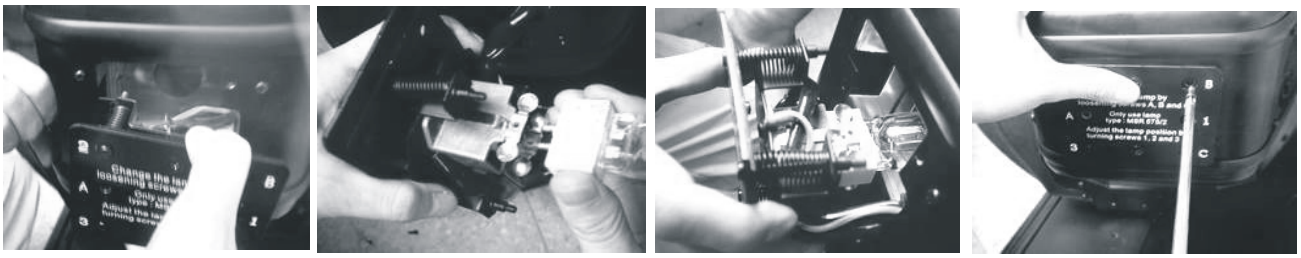
a) Installing or replacing the lamp

Only install the lamp when **MY575** is unplugged from 120 volts.
The lamps must be replaced when it has reached the end of its lamp life or if it is damaged or deformed.

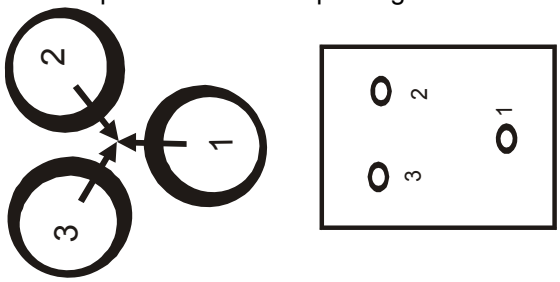
Before replacing the lamp let the lamp cool down. During operation, the lamp can reach very high temperature.
During the installation of the lamp do **not** touch the glass bulbs with bare hands. Always use a cloth to handle the lamps during insertion and removal.
Do not install lamps with a higher wattage. They generate temperatures higher than **MY575** operating temperature**.**

For the installation, you need one MSR 575/2 lamp :

Procedure:



1) Unscrew the 3 screws (A, B, C) on the bottom of the housing, holding the plate under which the lamp is located. Carefully remove the metal plate.
2) Carefully insert the lamp into the socket. Please remember the lamp is polarized. There is only one way to insert the lamp. Gently slide the lamp and its lamp holder back into place.
3) On the access plate there are 3 screws marked 1, 2 and 3. They are used to adjust the lamp. You can adjust the 3 screws to fine-tune the position of the lamp and get the maximum light output.



Please remember the lamp is not hot-restrike. You must wait approximately 10 minutes before you can restrike the lamp.

Do **not ever** operate **MY575** with the cover open. The lamp is a discharge lamp. All discharge lamps, irregardless of the manufacturer or type, are very volatile and can **explode**. Great caution must be exercised when working with these lamps otherwise **serious injury can happen.**

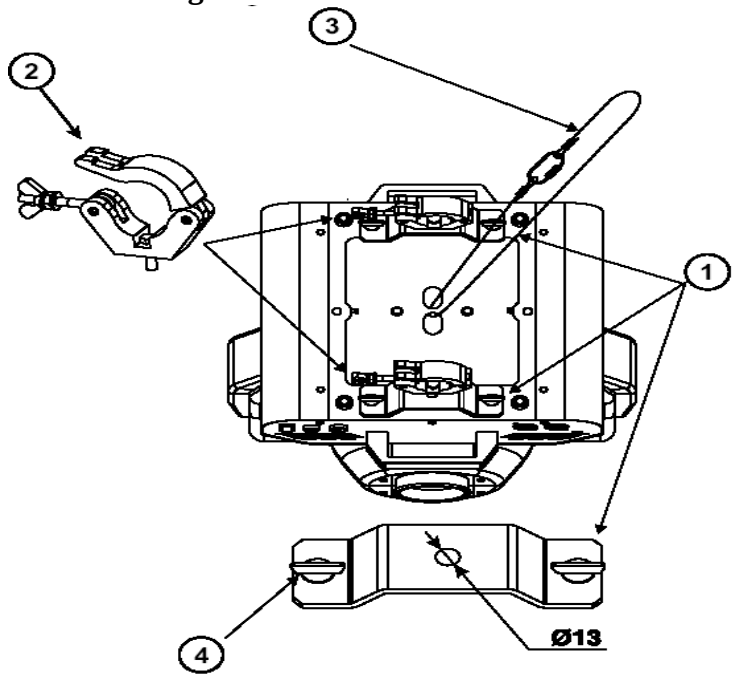
b) Mounting MY575

The installation of **MY575** has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any deformation.
The installation must always be secured with a secondary safety device (a safety cable).
Never stand directly below **MY575** when mounting, removing or servicing **MY575**.
The installer should make sure that **MY575** is installed correctly and that the installation is checked by an expert on a regular basis.
If you are a rental house utilizing **MY575**, then use the appropriate half couplers (½ cheeseboros) to secure the fixture to the truss or pipe. Remember to tighten down the cheeseboros before raising the truss. Don't laugh! It has been done before now. Remember with yoke fixtures on a flown truss, when you move them the truss can move too. It's just obeying Newton's third law of motion: "to every action there is an equal and opposite reaction". Please remember this when securing the **MY575** fixture.

Cautions:

MY575 should be installed outside areas where people can reach it, walk by it or be seated underneath it when being installed. Overhead mounting requires experience including, amongst other things, calculating the working load limits and installation material being used. Periodic safety inspections should be done of **MY575** as the fixture does move. If you do not have the qualifications and experience, do not attempt the installation. Improper installation can result in bodily injury to yourself or others.
Before mounting make sure that the installation area can hold a minimum point load of 10 times **MY575's** weight.
Once installed then connect **MY575** to the correct power source. 120 volts A.C.

Installation via the Omega U Brackets.

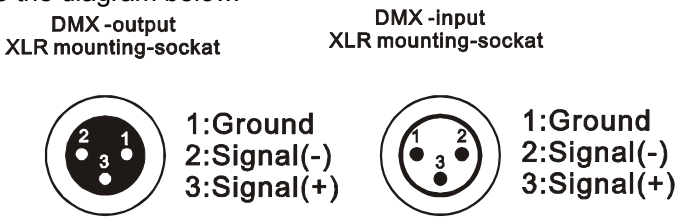


(1) Omega holders
(2) Clamp
(3) Safety-rope
(4) Quick-lock fastene

Screw one clamp (the clamp is not provided with **MY575**) onto each of the two Omega U brackets supplied with **MY575.**
Insert the quick-lock fasteners of the first Omega bracket into the respective holes on the bottom of **MY575**. Tighten the quick-lock fasteners fully clockwise. Install the second Omega U bracket. Please do not use pliers, crest wrenches and the like to turn the quick-lock fastener. If you do, there is very real likelihood that you will break the Omega bracket. (These can be replaced at a substantial cost to your boss!)
Pull the safety cable through the holes on the bottom of the base and over the trussing or any secondary fixing point. Do not clamp the cable to the U bracket or clamp. That is not a secondary safety point.
A secondary safety point is any point that will adequately hold **MY575** if the U brackets, clamps or the fixtures base breaks or fails. Then the safety cable would be the backup and stop the fixture from falling to the ground.

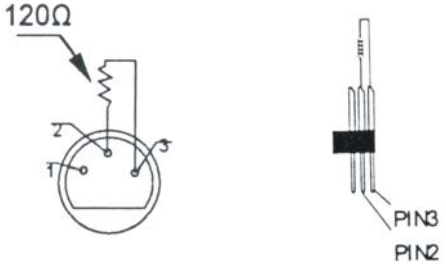
DMX-512 Control Connection

Connect the provided XLR cable to the female 3-pin XLR output of your **Elektralite CP20** or other DMX controller. The other end should be connected to the male 3-pin XLR input of **MY575**. You then daisy-chain out of the first **MY575** to the next **MY575**. Never **"Y"** split the DMX connection.
If you need more cable, then it should be two core, screened cable fitted with a 3 pin XLR input and output connectors. Please refer to the diagram below.



DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically "noisy" environment, it is recommended that a DMX terminator is used. This helps prevent corruption of the digital control signal. The DMX terminator is simply a 3 pin XLR plug (male) with a 120 Ω resistor connected between pins 2 and 3. It is then plugged into the output XLR socket of the last **MY575** in the chain. Please see illustration below.



MY575 fitted with 5 pin XLRs

The **MY575** can be fitted with 5 pin XLRs. The pin configuration is the same as the three pin connector.
So Pin 1 = ground, Pin 2 = Signal (-) and Pin 3 = Signal (+). Pins 4 and 5 are not used.

Projector DMX start address selection

All **MY575s** need be given a DMX starting address when using a DMX signal, so that the correct **MY575** responds to the correct control signals. This digital starting address is the channel number from which **MY575** starts to "listen" to the digital control information sent out from the **Elektralite CP20** or other DMX controller. The allocation of this starting address is done by setting the correct number on the display located on the base of **MY575**.
You can set the same starting address for all fixtures or group of fixtures, like all the **MY575s** in your plot, or you can make different address for each individual fixture.
If you set the same address, all the fixtures will start to "listen" to the same control signal from the same channel number. In other words, changing the settings of one channel will affect all the fixtures simultaneously.
If you set a different address, each unit will start to "listen" to the channel number you have set, based on the quantity of control channels of the fixture. That means changing the settings of one channel will affect only the selected fixture.
In the case of this **MY575**, which is a 18 channel fixture, you should set the starting address of the first unit to 1, the second **MY575** to 19 (18 + 1), the third to 37 (19 + 18), and so on.

Note:

After switching on, **MY575** will automatically detect whether DMX 512 data is received or not. If the data is received, the display will show **"A.001"** or whatever the address is set to, like "**A.019"** If there is no data received at the DMX-input, the display flashes **"A001"** with the actually set address. This situation can occur if:

- the 3 PIN XLR plug (cable with DMX signal from the controller) is not connected to the input of **MY575**.

or

- the controller is switched off or defective.

or

- if the cable or connector is defective

or

- if the signal wires are swap in the input connector. In others words, pins 1, 2 and/or 3 are not the same at both ends. Believe it or not this is very easy to do if the person making the cable does not look at the pin numbers in the connector. The numbers of the pins and the color of the cable need to match. Don't just "look" at the cable and assume they are correct!

The Display Panel:

The Display Panel offers several features: you can set the starting address, switch on and off the lamp, run the pre-programmed program or make a reset. It has been updated so if you have earlier **my575** beware of the changes! These updates are a direct result of customer feedback.

Probably the most important changes are:-

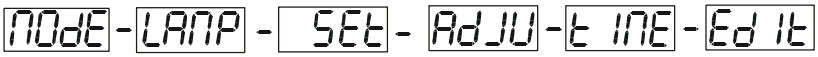
1. **To change DMX address you must enter the Mode menu. You cannot just press the up and down buttons to change the address.**
2. **The default for the lamp striking is from the board channel 14. The fixture's lamp will not just start up when you turn on the fixture.**

The main menu is accessed by pressing (and holding) the Enter-button for 3 seconds until the display starts flashing. Browse through the menu by pressing the Up-button. Press the Enter-button in order to select the desired menu. You can change the selection by pressing the Up-button. Confirm every selection by pressing the Enter-button. You can leave every mode by pressing the Exit-button. The functions provided are described in the following sections on the next page.

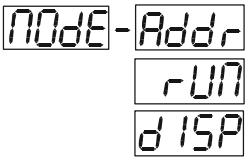
Default settings shaded.

	Main menu	Sub menu	Extension	Display	Function
0	MODE	ADDR	VALU	A001~A511 (AXXX)	**DMX address setting**
			SLAV	ON/OFF (SLAV)	Slave setting
		RUN	AUTO	ALON (AU-A)	Automatic Program Run in Stand Alone mode
				MAST (AU-M)	Automatic Program Run as Master
			SOUN	ALON (SO-A)	Sound-controlled Program Run in Stand Alone mode
				MAST (SO-M)	Sound-controlled Program Run as Master
		DISP	VALU	D–00 ~ D-30 (DXXX)	Display the DMX 512 value of each channel
			RDIS	ON/OFF	180º Reverse display
			CLDI	ON/OFF	Shut off LED display
1	LAMP	OPEN	ON/OFF		Lamp on/off
		ONLI	ON/OFF		**Lamp on/off via controller**
		DELA	D–00 ~ D-59,D-15		Delay lamp on
2	SET	RPAN	ON/OFF		Pan Reverse
		VER	V1.0-V9.9		Software Version
		LODA	ON/OFF		Restore Default factory setting
		REST	ON/OFF		Reset
		DEGRE	540/630		Pan Degrees
		16BI	8/16		8 or 16 Bit control
		RTIL	ON/OFF		Tilt Reverse
3	ADJU	LADJ	ON/OFF		Lamp adjustment
		TEST	T–01 ~ T–30		Test function of each channel
4	TIME	MATI	0000~9999 (hours)		Fixture running time
		LATI	0000~9999 (hours)		Lamp running time
		CLMT	ON/OFF		Clear fixture time
		CLLT	ON/OFF		Clear lamp time
5	EDIT	STEP	S–01 ~ S–48		Steps of Program Run
		SC01 ~ SC48	C–01 ~ C–30	01XX (00~FFH) 30XX (00~FFH)	Edit the channels of each scene/cue/look
			TIME (sec.)	T – – X (1~9)	Time for each scene/cue/look
			CNIN	ON/OFF	Edit program via controller

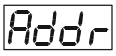
Main functions



- Main menu 0



1. Press **[ENTER]** for 3 seconds to enter the main menu **"MODE"** (display flashing)
2. Press **[ENTER]** and select **"ADDR"**, **"RUN"** or **"DISP"** by pressing the **[UP]** button.
3. Press **[ENTER]** to select the desired sub menu.

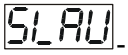


- DMX address setting, Slave setting

- DMX address setting

With this function, you can adjust the desired DMX-address via the Display Panel.

1. Select **"VALU"** by pressing the **[UP]** button.
2. Press **[ENTER]**, adjust the DMX address by pressing the **[UP]** or the **[DN]**.
3. Press **[ENTER]** to confirm.
4. Press **[EXIT/DN]** to return to main menu.



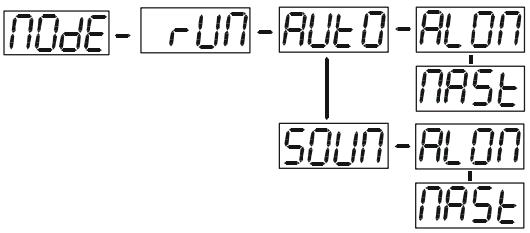
- Slave setting

With this function, you can define the device as slave.

1. Select **"SLAV"** by pressing the **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** to return to the main menu.

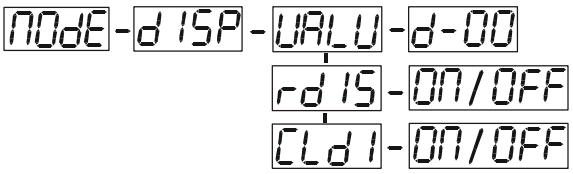
- Program Run, Master setting

With the function **"RUN"**, you can run the internal program. You can set the number of steps under Step. You can edit the individual scenes under Edit. You can run the individual scenes either automatically (AUTO), i.e. with the adjusted Step-Time or sound-controlled (SOUN). The selection "ALON" means Stand Alone-mode and "MAST" that the device is defined as master.



1. Select **"AUTO"** or **"SOUN"** by pressing **[UP]**.
2. Press **[ENTER]** for selecting the desired extension menu.
3. Select **"ALON"** or **"MAST"** by pressing **[UP]**.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** to return to the main menu.

- Display the DMX-value, Reverse display, Shut off LED display



- Display the DMX 512 value of each channel

With this function you can display the DMX 512 value of each channel.

1. Select **"VALU"** by pressing **[UP]**.
2. Press **[ENTER]** to confirm; the display shows**"D-00"**. In this setting, the DMX-adjustment of every channel will be displayed.
3. Press **[UP]** in order to select the desired channel. If you select **"D-14"** the display will only show the DMX-value of the 14th channel.
4. Press **[ENTER]** to confirm.
5. The display shows **"D- XX"**, "X" stands for the DMX-value of the selected channel.
6. Press **[ENTER]** or **[EXIT/DN]** to exit.

- Reverse display

With this function you can rotate the display by 180°.

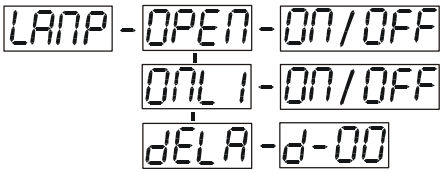
1. Select **"rDIS"** by pressing **[UP]**.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't; the display will rotate by 180°.
4. Press **[ENTER]** or **[EXIT/DN]** to exit.

- Shut off LED display

With this function you can shut off the LED display after 2 minutes.

1. Select **"CLDI"** by pressing **[UP]**.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** or **[EXIT/DN]** to exit.

LAMP **- Main menu 1**



1. Press **[ENTER]** for 3 seconds to enter the main menu (display flashing).
2. Press **[UP]** to select **"LAMP"**.

OPEN **- Lamp on/off**

With this function you can switch the lamp on or off via the Display Panel.

1. Select "**OPEN**" by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to switch on the lamp or **"OFF"** if you wish to switch off the lamp.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** in order to return to the main menu.

ONLI **- Lamp on/off via external controller**

With this function you can switch the lamp on or off via an external controller.

1. Select **"ONLI"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** to return to the main menu.

dELA **- Delay lamp on**

With this function you can delay the lamp ignition.

1. Select "**DELA**" by pressing **[UP]** button.
2. Press **[ENTER]** to confirm; the display shows **"D-00"**. In this setting, the lamp will be ignited immediately.
3. Press **[UP]** to select the desired delay between "**00**" and "**59**" minutes. If you select **"D-03"** the lamp will be ignited after 3 minutes.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** to return to the main menu.

SEt **- Main menu 2**

1. Press **[ENTER]** for 3 seconds to enter the main menu (display flashing).
2. Press **[UP]** to select **"SET"**.

rPAn **- Pan Reverse**

With this function you can reverse the Pan-movement.

1. Select **"rPAN"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** or **[EXIT/DN]** to exit.

rt IL **- Tilt Reverse**

With this function you can reverse the Tilt-movement.

1. Select **"rTIL"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** or **[EXIT/DN]** to exit.

DEGR **- Pan degree selection**

With this function you can set the maximum pan to be either 540 or 630 degrees.

1. Select **"Degr"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"630"** or **"540"**.
3. Press **[UP]** to change the selection.
4. Press **[ENTER]** to save and then **[EXIT/DN]** to exit.

16b I **- Switch 16 bit/8 bit**

With this function you can switch **MY575** from 16 bit to 8 bit resolution.

1. Select **"16BI"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** in order to set 16 bit, or **"OFF"** in order to set 8 bit. The channels PAN Fine and TILT Fine will be disabled.
4. Press **[ENTER]** or **[EXIT/DN]** to exit.

rESt **- Reset**

With this function you can Reset **MY575** via the Display Panel.

1. Select **"rEST"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** or **[EXIT/DN]** to exit.

LOdA **- Restore factory settings**

With this function you can restore the factory settings of **MY575**. All settings will be set back to the default values (shaded). Any edited scenes will be lost.

1. Select **"LODA"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.

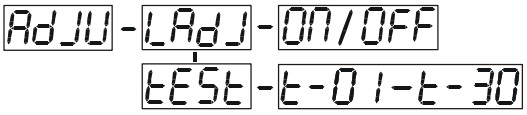
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** in order to return to the main menu.

- Software version

With this function you can display the software version of **MY575**.

1. Select **"VER"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"V-X.X"**, "X.X" stands for the version number, e.g. "V-1.0", "V-2.6".
3. Press **[ENTER]** or **[EXIT/DN]** in order to return to the main menu.

- Main menu 3



1. Press **[ENTER]** for 3 seconds to enter the main menu (display flashing).
2. Press **[UP]** to select **"ADJU"**.

- Lamp adjustment

With this function you can adjust the lamp via the Display Panel. The shutter opens and the lamp can be adjusted. In this mode, **MY575** will not react to any control signal.

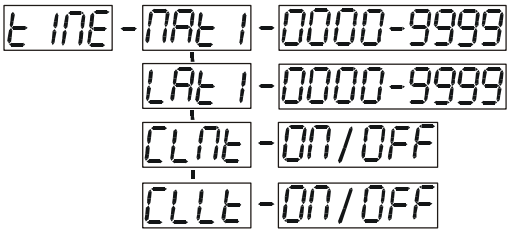
1. Select **"LADJ"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** in order to return to the main menu.

- Test function of each channel

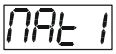
With this function you can test each channel on its (correct) function.

1. Select **"tESt"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"T-XX"**, "X" stands for the channel number.
3. The current channel will be tested.
4. Select the desired channel by pressing **[UP]** button.
5. Press **[ENTER]** or **[EXIT/DN]** to exit.

- Main menu 4

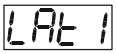


1. Press **[ENTER]** for 3 seconds to enter the main menu (display flashing).
2. Press **[UP]** to select **"TIME"**.


- Fixture running time

With this function you can display the running time of **MY575**.

1. Select **"MATI"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"XXXX"**, "X" stands for the number of hours.
3. Press **[ENTER]** or **[EXIT/DN]** to exit.


- Lamp running time

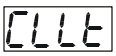
With this function you can display the running time of the lamp.

1. Select **"LATI"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"XXXX"**, "X" stands for the number of hours.
3. Press **[ENTER]** or **[EXIT/DN]** to exit.

- Clear fixture time

With this function you can clear the running time of **MY575**.

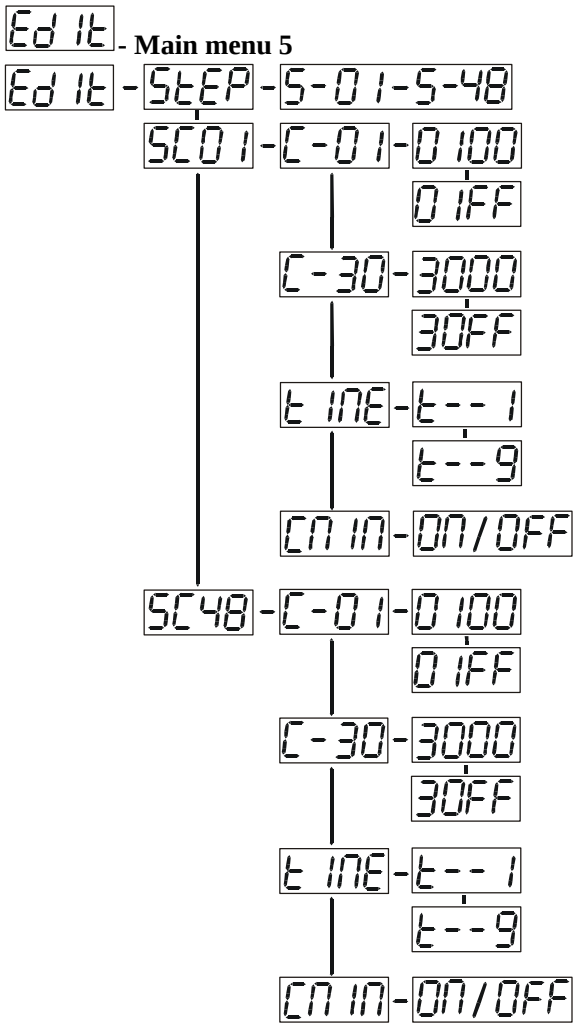
1. Select **"CLMT"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** to return to the main menu.


- Clear lamp time

With this function you can clear the running time of the lamp.

Please clear the lamp time every time you replace the lamp.

1. Select **"CLLT"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"ON"** or **"OFF"**.
3. Press **[UP]** to select **"ON"** if you wish to enable this function or **"OFF"** if you don't.
4. Press **[ENTER]** to confirm.
5. Press **[EXIT/DN]** to return to the main menu.



- Main menu 5

1. Press **[ENTER]** for 3 seconds to enter the main menu (display flashing).
2. Press **[UP]** to select **"EDIT"**.

StEP - Define the number of steps in Run

With this function you can define the number of steps in the Program Run.

1. Select **"STEP"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"S-XX"**, "X" stands for the total amount of steps you want to save, so you can call up to 48 scenes in **"RUN"**. For example if the "XX" is 05, it means that **"RUN"** will run the first 5 scenes you saved in **"EDIT"**.
3. Press **[ENTER]** to save and exit.

SC01 - Editing the channels of the individual scenes

With this function you can edit the program to be called up in Run.

a) Editing via the Control Board

1. Select **"SC01"** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **"SCXX"**, "X" stands for the scene no. to be edited.
3. Change the scene no. by pressing **[UP]**.
4. Press **[ENTER]**, the display shows **"C-X"**, "X" stands for the channel no. Such as **"C-01"**, it means you are editing channel 1 of the selected scene.
5. Select the channel no. you would like to edit by pressing **[UP]**.
6. Press **[ENTER]** to enter editing for the selected channel , **MY575** reacts to your settings. The display shows the DMX value of the edited channel. Such as " 11XX", it stands for in the channel 11 of the editing scene, the DMX value is XX , XX is a hexadecimal number value "01-FF".
7. Adjust the desired DMX value by pressing **[UP]** or **[DN]**.
8. Press **[ENTER]** in order to edit other channels of this scene.
9. Repeat steps 5-9 until you finish setting all the DMX values for all channels of this scene.
10. Once all the channels completed, the display will flash **"tIME"**
11. Press **[ENTER]** to edit the time needed, the display shows "t--X","X" stands for the time needed to run the current scene, value "1-9". For example, "t--2" means you need 2 seconds to run the current scene.
12. Adjust the desired time by pressing **[UP]**.
13. Press **[ENTER]** to save the settings for the scene you are editing, the display will change to the next scene automatically.
14. Repeat step 3-14 to edit and other scenes, you can edit and save a maximum of 48 scenes.
15. Press **[EXIT/DN]** to exit. The number of steps can be defined under **"STEP"** and the scenes can be called up under **"RUN"**

b) Editing via an Elektralite CP20 or other DMX controller
Call up the first scene in your controller now.

1. Select **“SC01”** by pressing **[UP]** button.
2. Press **[ENTER]**, the display shows **“SC01”**.
3. Press **[ENTER]**, the display shows **“C-01”**.
4. Select **"CNIN"** by pressing **[DOWN]**.
5. Press **[ENTER]**, the display shows **"OFF"**.
6. Press **[UP]**, the display shows **"ON"**.
7. Press **[ENTER]**, the display shows **"SC02"**. You successfully downloaded the first scene.
8. Adjust the Step-time as described above under point 12.
9. Press **[EXIT]**
10. Call up the second scene in your controller now.
11. Repeat steps 5-11 until all desired scenes are downloaded.
12. Press **[EXIT/DN]** to exit. The number of steps can be defined under **“STEP”** and the scenes can be called up under **“RUN”**

Channel Functions:

CHANNEL 1 : color wheel 1: 7 colors plus white, color cycle or rainbow effect
CHANNEL 2 : rotating gobo wheel 1: 6 rotating gobos plus open , gobo cycle, gobo shaking
CHANNEL 3 : gobo rotation speed adjustment in both directions , gobo indexing
CHANNEL 4 : rotating gobo wheel 2: 6 rotating gobos plus open , gobo cycle, gobo shaking
CHANNEL 5 : pan movement (max. 630°)
CHANNEL 6 : tilt movement (max. 265°)
CHANNEL 7 : speed of pan/tilt movement, or different blackout selection by wheels
CHANNEL 8 : prism or normal lens ,different speed prism rotation,16 prism macro selectable
CHANNEL 9 : Electronic focus
CHANNEL 10 : strobe effect maximum 15 flashes per second or random strobe, dimming and shutter close/open control
CHANNEL 11 : Dimming effect 0-100% (only be activated while CHANNEL 10 is between position 32 –63 DMX **or** between position 96-127 **or** between position 160-191 **or** between position 224-255 values)
CHANNEL 12 : Iris movement with in built effects engine for iris.
CHANNEL 13 : Frost. Also with in built effects engine for iris.
CHANNEL 14: color wheel 2: 4 color filters plus white, 2 temperature correction color filters, UV filter , with color cycle or rainbow effect
CHANNEL 15: gobo rotation speed adjustment in both directions, gobo indexing
CHANNEL 16 : auto program control + lamp on, motor reset, lamp switch off
CHANNEL 17 : 16 bit pan movement
CHANNEL 18 : 16 bit tilt movement

DMX Channel Function & Values:

Channel 1 - Color Wheel 1:

0-15	Open / white
16-31	Color 1
32-47	Color 2
48-63	Color 3
64-79	Color 4
80-95	Color 5
96-111	Color 6
112-127	Color 7
128-187	Forwards rainbow effect from fast to slow
188-193	No rotation
194-255	Backwards rainbow effect from slow to fast

Channel 2 - Rotating gobos, cont. rotation :

0-9	Open
10-19	Rot. gobo 1
20-29	Rot. gobo 2
30-39	Rot. gobo 3
40-49	Rot. gobo 4
50-59	Rot. gobo 5
60-69	Rot. gobo 6
70-89	Gobo 1 shake slow to fast
90-109	Gobo 2 shake slow to fast
110-129	Gobo 3 shake slow to fast
130-149	Gobo 4 shake slow to fast
150-169	Gobo 5 shake slow to fast
170-189	Gobo 6 shake slow to fast
190-255	Rot. gobo wheel cont. rotation slow to fast

Channel 3 - Rotating gobo index, rotating gobo rotation :

0-127	Gobo indexing
128-187	Forwards gobo rotation from fast to slow
188-193	No rotation
194-255	Backwards gobo rotation from slow to fast

Channel 4 - Rotating gobos, cont. rotation :

0-9	Open
10-19	Rot. gobo 1
20-29	Rot. gobo 2
30-39	Rot. gobo 3
40-49	Rot. gobo 4
50-59	Rot. gobo 5
60-69	Rot. gobo 6
70-89	Gobo 1 shake slow to fast
90-109	Gobo 2 shake slow to fast
110-129	Gobo 3 shake slow to fast
130-149	Gobo 4 shake slow to fast
150-169	Gobo 5 shake slow to fast
170-189	Gobo 6 shake slow to fast
190-255	Rot. gobo wheel cont. rotation slow to fast

Channel 5 - PAN movement 8bit :

Channel 6 - TILT movement 8bit :

Channel 7 - Speed pan/tilt movement:

0-14	max speed
15-225	max to min speed
226-235	blackout by movement
236-245	blackout by all wheel changing
246-255	no function

Channel 8 - 3 facet rotating prism, Prism / Gobo macros:

0-3	open
4-63	Forwards rotation from fast to slow
64-67	No rotation
68-127	Backwards rotation from slow to fast
128-135	Macro 1
136-143	Macro 2
144-151	Macro 3
152-159	Macro 4
160-167	Macro 5
168-175	Macro 6
176-183	Macro 7
184-191	Macro 8
192-199	Macro 9
200-207	Macro 10
208-215	Macro 11
216-223	Macro 12
224-231	Macro 13
232-239	Macro 14
240-247	Macro 15
248-255	Macro 16

Channel 9 – Focus:

0-255	Continuous adjustment from far to near

Channel 10 - Shutter, strobe:

0-31	Shutter closed
32-63	Dimmer control (shutter open)
64-95	Strobe effect slow to fast
96-127	No function (shutter open)
128-159	Pulse-effect in sequences
160-191	No function (shutter open)
192-223	Random strobe effect slow to fast
224-255	No function (shutter open)

Channel 11 - Dimmer (intensity):

0-255	Intensity 0 to 100%

Channel 12 – Iris

0-191 Maximum. diameter to minimum diameter

192-223 Iris pulsing from Minimum diameter to max.
As dmx value increases the pulse gets slower.

224-255 Iris pulsing from Maximum to min.
As dmx value increases the pulse gets faster.

Channel 13 – Frost

0-191 No frost – Minimum frost – Maximum frost

192-223 Pulse from max frost to no frost starting fast and getting slower

224-255 Pulse from no frost to full frost starting slow and getting faster.

Channel 14 - Color Wheel 2 :

0-15 Open / white

16-31 Color 1

32-47 Color 2

48-63 Color 3

64-79 Color 4

80-95 3200K correction filters

96-111 5600K correction filters

112-127 UV-filter

128-187 Forwards rainbow effect from fast to slow

188-193 No rotation

194-255 Backwards rainbow effect from slow to fast

Channel 15 - Rotating gobo index, rotating gobo rotation :

0-127 Gobo indexing

128-187 Forwards gobo rotation from fast to slow

188-193 No rotation

194-255 Backwards gobo rotation from slow to fast

Channel 16 – Lamp on/off, reset, internal programs:

0-19	colour change normal by direction depend on distance
20-39	colour change to any position by direction depend on distance
40-59	Lamp on
60-79	Lamp switch off
80-99	Motor reset
100-119	Internal program 1
120-139	Internal program 2
140-159	Internal program 3
160-179	Internal program 4
180-199	Internal program 5
200-219	Internal program 6
220-239	Internal program 7
240-255	Internal program 8

Channel 17 – Pan fine 16bit

Channel 18 – Tilt fine 16bit

ERROR MESSAGE

When you turn on **MY575**, it will make a reset first. The display may show “XXer” while there are problems with one or more channels. “XX” stands for channel 1,2,3,4,5,6,8,12,14,15 who has the testing sensor for positioning .
For example, when the display shows “02Er”, it means there is some error in channel 2. If there are some errors on channel 1, channel 2, channel 5 at the same time, you may see the error message “01Er”, “02Er”,”05Er” flash repeated for 5 times, and then **MY575** will generate a reset signal, all the stepper reset. If the error message remains after performing reset more than 3 times, it will detect whether the fixture has more than 3 errors. If the fixture has 3 errors or more, then all the channels will not work properly. However if the fixture has less than 3 errors, only those channels which have errors will not work properly, other channels will work as normal.

01Er:
(Color-wheel 1 error) This message will appear after the reset of **MY575** if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its drive circuit on the main circuit card). The color wheel will not be located in the default position after the reset.

02Er:
(Rotating gobo-wheel 1 error) This message will appear after the reset of **MY575** if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its drive circuit on the main circuit card). The rotating gobo-wheel will not be located in the default position after the reset.

03Er:
(Rotating gobo indexing error 1) This message will appear after the reset of **MY575** and if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its driver circuit on the main circuit card). The rotating gobo will not be located in the default position after the reset.

04Er:
(Rotating gobo-wheel 2 error) This message will appear after the reset of **MY575** if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its drive circuit on the main circuit card). The fixed gobo wheel will not be located in the default position after the reset.

05Er:
(PAN-yoke movement error) This message will appear after the reset of **MY575** if the yoke's magnetic-indexing circuit malfunction (sensor failed or magnet missing) or the stepping-motor is defective (or its driving IC on the main circuit card). The yoke will not be located in the default position after the reset.

06Er:
(TILT-head movement error) This message will appear after the reset of **MY575** if the head's magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its driving IC on the main circuit card). The head will not be located in the default position after the reset.

08Er:
(Prism-wheel error) This message will appear after the reset of **MY575** and if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its driver circuit on the main circuit card). The rotating gobo will not be located in the default position after the reset.

12Er:
(Iris error) This message will appear after the reset of **MY575** and if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its driver circuit on the main circuit card). The iris will not be located in the default position after the reset.

14Er:
(Color-wheel 2 error) This message will appear after the reset of **MY575** if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its drive circuit on the main circuit card). The color wheel will not be located in the default position after the reset.

15Er:
(Rotating gobo indexing error 2) This message will appear after the reset of **MY575** and if the magnetic-indexing circuit malfunctions (sensor failed or magnet missing) or the stepping-motor is defective (or its driver circuit on the main circuit card). The rotating gobo will not be located in the default position after the reset.

CLEANING AND MAINTENANCE

The following points have to be considered during the inspection:
1) All screws, clamps etc. used to install **MY575** have to be tight and must not be corroded. Check them regularly because, remember, **MY575 moves** and so it will have an effect on whatever you are using to hang the fixture.
2) There must not be any deformations on **MY575's** housing and internal parts. Also check the points where **MY575** is installed including such things as ceiling mounting points, truss, half couplers, c clamps, safety cables and so on).
4) Mechanical moving parts must not show any traces of wearing and must rotate evenly.
5) The power input cable must not show any damage or material fatigue.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents. Be particular to check the fans and their vents. That is where dust and debris can accumulate. Accumulation of dust here can have a devastating effect on **MY575**. You must remove it regularly. Failure to do so will cause overheating inside **MY575.** Overheating causes premature failure of the lamp and other critical components.
There are no serviceable parts inside **MY575** except for the lamp. Please refer to the instructions under "Installation instructions".
Should you need any spare parts, please order genuine parts from your local dealer.

TECHNICAL SPECIFICATIONS

Power supply :

- 120VAC,60Hz;

Power consumption : max. 800VI.
Lamp : MSR 575/2
Motors : 14 micro motors
Packing dimensions :29" x 23" x 25"
Net weight : 75 pounds

Please note, Elektralite is constantly improving their product range and we reserve the right to make changes without prior notice.

Other Elektralite Products include :

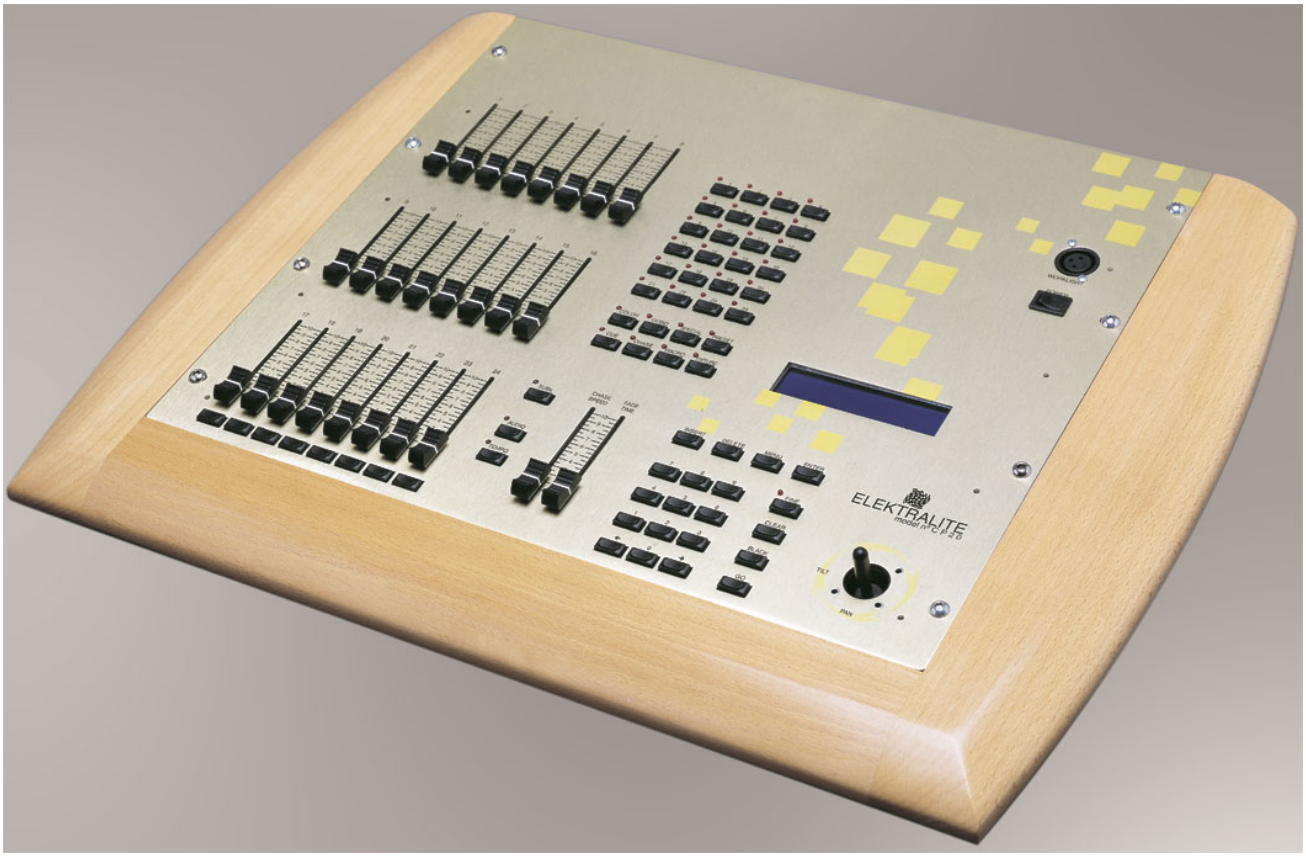
[Also check out our website at www.myelektralite.com]

CP-3 Controller.

CP-10xt Controller.

CP-16 /24 Controller.

CP-20xt Controller.



TurboFog + Fog Machine.

Turbohazer Haze Machine.